Gulf of Mexico Harmful Algal Bloom Bulletin

12 June 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: June 5, 2006

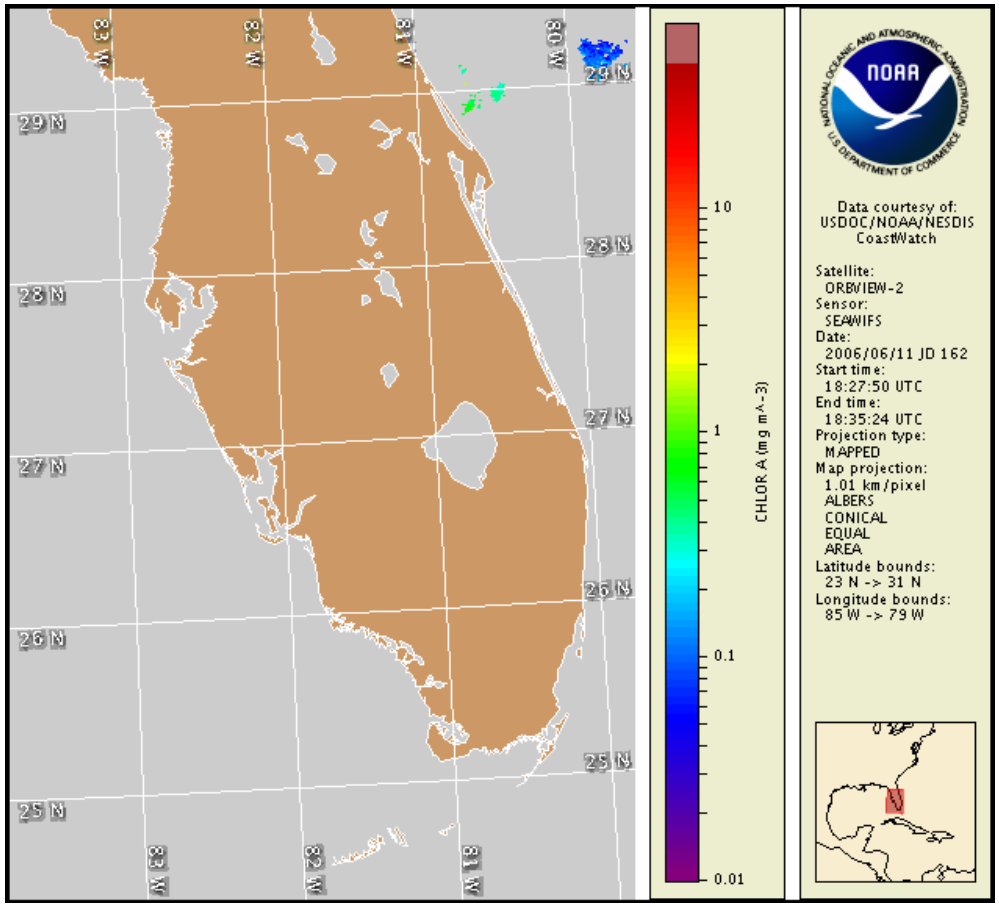
Conditions Report

No impacts are expected in any Florida counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

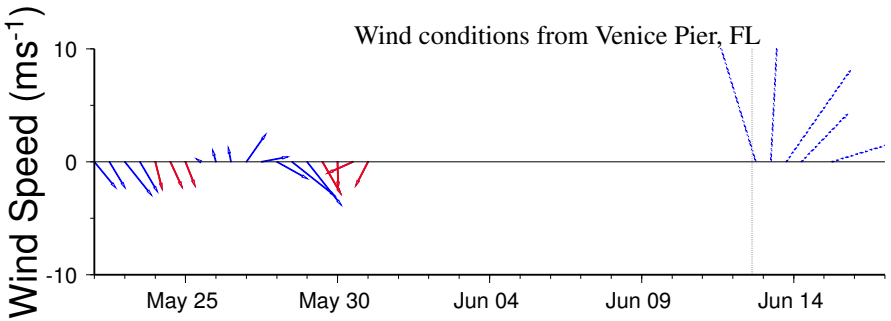
Analysis

There is no indication of harmful algal blooms currently in southwest Florida. Karenia brevis wasnt present in any recent samples, although non-harmful species were present. A high chlorophyll feature persists south of Cape Romano. It's centered at 25/(de30'N,81/(de38'W, with chlorophyll levels at about 3 μg/L. There are no current indications that this feature is a harmful algal bloom. There were reports of discolored water in Pinellas County last week. This was due to diatoms. The approaching tropical storm will probably cause sediment resuspension and water discoloration along much of the southwest Florida coast.

Bronder, Allen

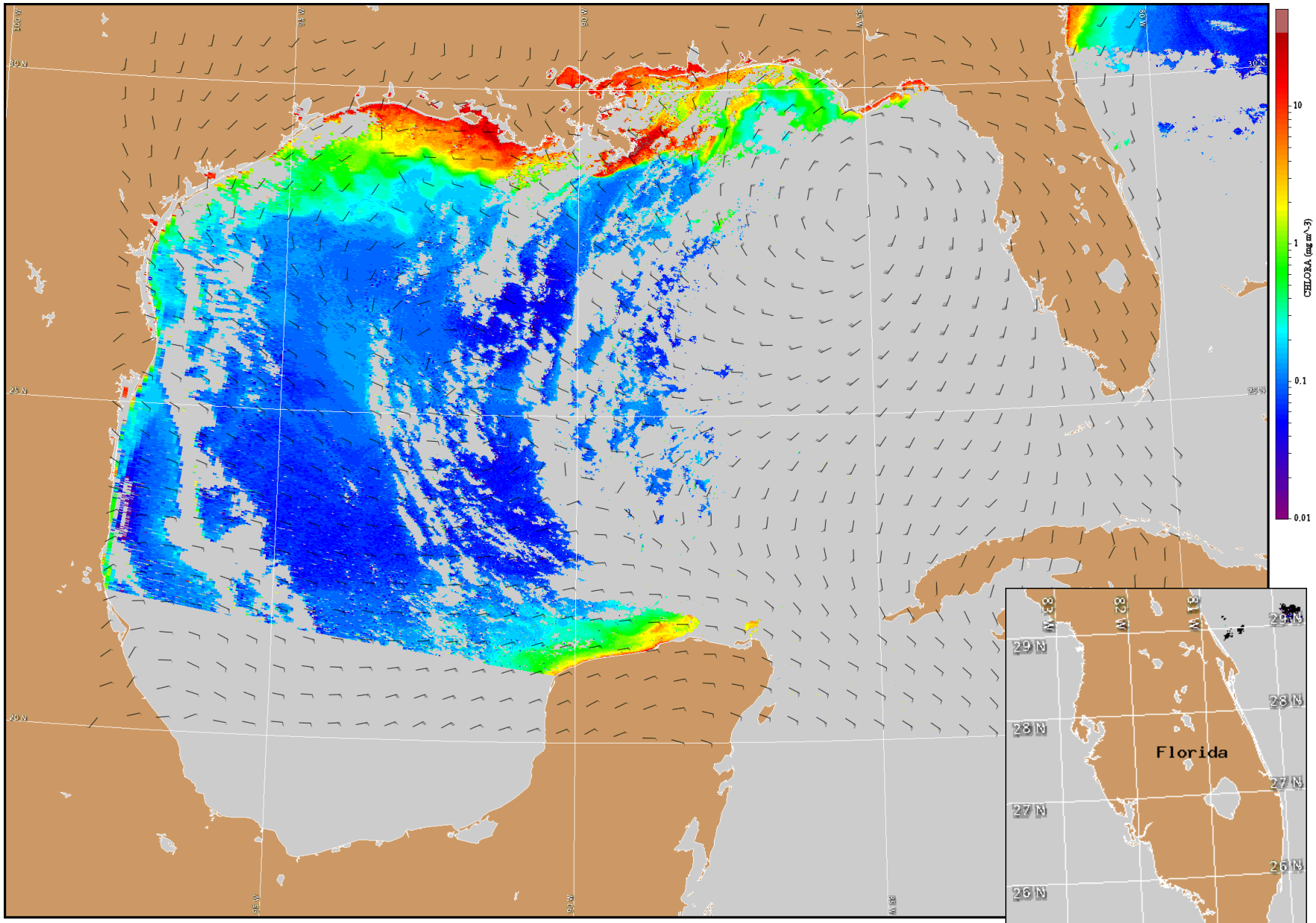


Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

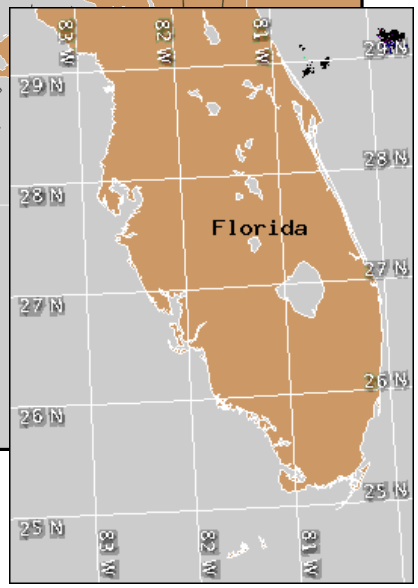


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Winds are forecasted to be southeast (35 kts, 18 m/s) today, southwest (40 kts, 20 m/s) tomor- row, southwest (10 kts, 5 m/s) Wednesday, west (10 kts, 5 m/s) Thursday, east (10 kts, 5 m/s) Friday.



Satellite chlorophyll image and forecast winds for June 13, 2006 06Z.



Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).